

Web end feed - has segments at blower box between drying cylinders to concentrate jet air streams at the leader without cross-currents

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Patent Family:

Patent No	Kind	Date	Week
DE 4013485	A	19901108	199046 B
SE 9001566	A	19901103	199101
CA 2015344	A	19901102	199104
JP 3000887	A	19910107	199107
US 5019213	A	19910528	199124
SE 502579	C2	19951113	199551
JP 2851369	B2	19990127	199909
CA 2015344	C	19990216	199918

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Local Applications (No Type Date): DE 4013485 A 19900427; JP 90115349 A 19900502; US 90513544 A 19900424; SE 901566 A 19900502; JP 90115349 A 19900502; CA 2015344 A 19900430

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Abstract (Basic): DE 4013485 A

To feed the end of the paper web into the drying section and between the drying cylinders of a papermaking machine, an underpressure is generated in the zone (A-) between the transfer carrier surface and the blanket with the help of the air streams generated by air jets gaps with their ejection and blocking actions. The achieve the insertion of the web end, the segments of the blower box outside the leader are closed so that the effective force from the jet gaps is concentrated only over the width of the web leader.

ADVANTAGE - The system gives a simple and positive feed of the web end, without any cross currents. (9pp Dwg.No.0/7)

Abstract (Equivalent): US 5019213 A

Speeding up the threading of papermaking or board mfg. appts. involves cutting the web to form a leader band transported by one or more threading ropes. Blow boxes in gaps between wire and drying cylinders operate during normal running to draw paper against the wire, but have closable sections with nozzles, lateral ones of which redirected air flow away from threading ropes so as not the discharge the leader band from a rope during threading. Pref. dampers are movable to redirect air flow from lateral nozzles. USE/ADVANTAGE - Appts. with single wire (claimed) in drying section.

(9pp)

